

Iowa Crops & Weather



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Fabulous Fall Weather

Although soil moisture concerns remain for the future, Iowa's weather has been near ideal for natural drying which will save farmers huge drying costs. Manure application continues to be a common activity for those awaiting further dry down of corn.

There were 5.9 **days suitable for fieldwork**, up from the previous week's 5.5 days. **Topsoil moisture** rated 23 percent very short, 25 percent short, 48 percent adequate, and 4 percent surplus across Iowa. **Subsoil moisture** rated 27 percent rated very short, 28 percent short, 42 percent adequate, and 3 percent surplus.

Field Crops Report: **Corn harvested** reached 36 percent complete which is 4 days ahead of last year, but a day behind the normal pace. The **percent moisture of field corn** was 19 percent, down from last week's rating of 20 percent. **Harvest corn percent moisture** was at 17 percent, which is 1 percentage point lower than the previous week and 2 percentage points below last year. **Corn lodging** rated 65 percent none, 25 percent light, 8 percent moderate and 2 percent heavy. **Corn ear droppage** rated 73 percent none, 22 percent light, and 5 percent moderate. **Soybeans harvested** reached 90 percent complete, which is equivalent to last year but 4 days ahead of normal. **Soybeans lodging** rated 76 percent none, 19 percent light and 5 percent moderate. **Soybeans shattering** was rated at 65 percent none, 25 percent light, 9 percent moderate, and 1 percent heavy.

Fall fertilizer application was 10 percent complete statewide. **Grain movement** from farm to elevator was rated 17 percent none, 24 percent light, 39 percent moderate and 20 percent heavy. Grain movement has become dependent on grain storage availability. **Off-farm grain storage** availability

rated 54 percent short, 44 percent adequate and 2 percent surplus. **On-farm grain storage** availability rated 45 percent short, 51 percent adequate and 4 percent surplus. Both off- and on-farm grain storage availability are shorter than at this point in harvest of 2004.

Livestock, Pasture, and Range Report: **Pasture and range condition** was rated at 22 percent very poor, 26 percent poor, 28 percent fair, 22 percent good, and 2 percent excellent. Cattle are moving to stubble fields in many areas. Some hay and/or silage is being fed, especially in south central and southeast Iowa.

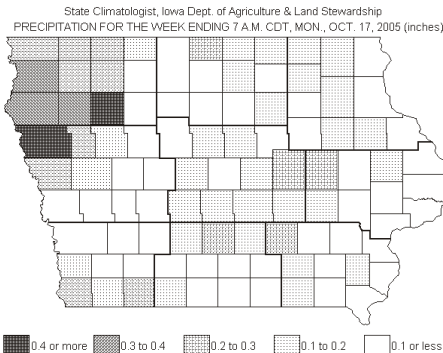
Iowa Weather Summary

Dry air with warm days and cool nights were the rule for most of the past week across Iowa. In some areas daily temperatures ranges spanned more than forty degrees between the morning lows and afternoon highs. Monday (10th) and Tuesday (11th) averaged slightly cooler than normal while the remainder of the reporting week was warmer than normal. Friday (14th) was the warmest day with highs in the 80's over the southern two-thirds of the state. Temperature extremes for the week ranged from a Friday (14th) afternoon high of 86 degrees at Shenandoah and Red Oak to a Sunday (16th) morning low of 28 degrees at Elkader. Temperatures for the week as a whole averaged 2.8 degrees above normal. An area of light rain moved across Iowa from late Tuesday (11th) into Thursday (13th) morning with more light showers across the eastern one-half of the state Sunday (16th) night into Monday (17th) morning. Weekly rainfall totals varied from 0.68 inches at Sioux City to only a trace at Keokuk, Audubon and Cedar Rapids. The statewide average rainfall was 0.12 inches while normal for the week is 0.57 inches.

Statewide Crop Conditions as of October 16, 2005					
Item	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Range & Pasture	22	26	28	22	2

Statewide Harvesting Conditions as of October 16, 2005				
Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn lodging	65	25	8	2
Corn ear droppage	73	22	5	0
Soybeans lodging	76	19	5	0
Soybeans shattering	65	25	9	1

Statewide Post-Harvest Conditions as of October 16, 2005				
Item	None	Light	Moderate	Heavy
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Grain movement	17	24	39	20



Statewide Grain Storage Availability as of October 16, 2005			
Item	Short	Adequate	Surplus
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
On-farm, grain storage	45	51	4
Off-farm, grain storage	54	44	2

Field Work and Crop Progress as of October 16, 2005

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Corn harvested (grain or seed)	33	28	39	43	35	39	40	24	43	36	20	28	40
Soybeans harvested	96	95	85	93	94	83	84	80	84	90	78	90	81

Days Suitable & Soil Moisture Condition as of October 16, 2005

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	5.1	5.8	6.0	5.9	5.9	6.3	6.2	6.2	6.1	5.9	5.5	5.9
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	9	27	11	47	46	54	30	23	20	3
Short	5	4	23	33	24	39	34	32	41	25	23	29
Adequate	93	72	64	40	63	14	20	13	29	48	52	57
Surplus	2	24	4	0	2	0	0	1	0	4	5	6
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	18	30	12	55	37	70	37	27	26	10
Short	14	3	30	34	22	40	38	23	53	28	25	24
Adequate	84	77	46	36	65	5	25	7	10	42	45	61
Surplus	2	20	6	0	1	0	0	0	0	3	4	5

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, October 16, 2005										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
Estherville Sioux Center Spencer Spirit Lake	North West District									
	77	31	52	3	0.17	-0.30	21.78	-0.07	22	2
	76	33	55	3	0.46	-0.01	20.58	-0.71	38	7
	75	31	52	2	0.06	-0.43	22.57	-0.15	21	-3
	73	37	55	7	0.19	-0.25	25.92	4.34	40	-5
Britt Humboldt Mason City Northwood	North Central District									
	76	35	53	-1	0.08	-0.40	31.87	8.14	24	-11
	77	36	53	1	0.02	-0.49	29.15	4.80	25	0
	78	33	53	3	0.10	-0.46	34.70	9.50	27	1
	77	34	52	2	0.09	-0.45	34.39	9.76	22	-3
Decorah Dubuque Elkader Independence Waterloo	North East District									
	77	30	53	2	0.08	-0.44	24.86	0.12	32	0
	76	35	54	3	0.02	-0.57	16.73	-10.29	29	-2
	77	29	50	-3	0.08	-0.48	22.82	-1.66	18	-25
	79	32	53	2	0.05	-0.52	28.38	2.26	25	-15
Waterloo	81	31	54	3	0.04	-0.56	24.37	-0.92	31	2
Audubon Carroll Castana Guthrie Center Harlan Jefferson Logan Rockwell City Sioux City	West Central District									
	81	29	51	-4	0.00	-0.61	21.54	-3.42	16	-22
	82	31	53	2	0.07	-0.49	19.31	-6.32	27	-3
	79	34	55	2	0.16	-0.41	20.44	-2.73	36	4
	82	28	51	-3	0.06	-0.54	28.36	2.88	16	-16
	82	34	54	1	0.27	-0.33	18.49	-6.96	32	0
	83	34	55	3	0.01	-0.55	21.23	-4.40	37	7
	83	34	54	1	0.07	-0.51	20.50	-3.47	30	-5
	80	33	54	0	0.08	-0.47	24.98	0.18	32	-3
	78	31	55	2	0.68	0.22	20.93	0.95	35	1
Ames Boone Des Moines Eldora Marshalltown Newton Perry Toledo	Central District									
	83	35	54	3	0.04	-0.56	25.38	-1.08	32	0
	82	31	54	1	0.17	-0.45	24.23	-1.76	32	-4
	83	42	57	3	0.14	-0.48	20.98	-3.49	51	6
	83	36	55	4	0.17	-0.45	23.81	-1.86	40	7
	83	35	54	3	0.03	-0.55	20.62	-5.42	35	3
	80	36	54	1	0.11	-0.52	24.69	-0.57	35	-4
	82	36	54	2	0.10	-0.47	25.34	0.72	30	-3
	79	34	54	3	0.05	-0.51	19.80	-6.42	38	6
Cedar Rapids Davenport Iowa City Lowden Maquoketa Muscatine	East Central District									
	78	36	54	2	0.00	-0.52	19.36	-5.45	32	-4
	81	33	55	0	0.02	-0.61	10.72	-13.52	38	-7
	83	33	57	2	0.02	-0.63	12.09	-14.99	52	3
	82	30	53	0	0.06	-0.54	16.28	-11.16	23	-15
	78	31	53	1	0.01	-0.54	12.79	-12.41	22	-9
	80	38	56	0	0.05	-0.58	16.24	-9.31	43	12
Clarinda Glenwood Oakland Red Oak Sidney	South West District									
	83	32	54	0	0.20	-0.45	26.21	-1.86	30	-8
	83	36	56	2	0.15	-0.43	20.68	-4.72	41	-5
	83	35	55	3	0.29	-0.34	22.45	-2.70	35	3
	86	35	55	0	0.05	-0.51	18.07	-9.50	39	-5
	83	38	57	2	0.15	-0.51	20.41	-5.89	50	3
Allerton Beaconsfield Chariton Indianola Leon	South Central District									
	82	34	55	2	0.08	-0.65	23.39	-3.58	42	21
	80	37	55	2	0.16	-0.51	26.00	0.05	40	-1
	82	28	54	-1	0.07	-0.60	20.49	-7.11	37	-4
	82	37	55	2	0.24	-0.42	21.60	-3.89	42	2
	82	31	54	-2	0.01	-0.69	19.55	-7.28	33	-8
Bloomfield Burlington Ottumwa	South East District									
	80	37	55	-2	0.14	-0.57	21.12	-6.14	40	-10
	82	39	59	4	0.02	-0.65	15.50	-9.73	63	16
	82	37	56	1	0.03	-0.57	17.06	-8.10	44	-1

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2005: AWIS, Inc. All Rights Reserved.